

ABSTRACT OF THE DISCLOSURE

The heating treatment device according to the present invention is constituted by a coagulation and incision forceps having a plurality of built-in heating elements, and a device main unit. A forceps identifying section inside the device main unit recognizes the identification of the type of forceps by an identifier, and information for the individual heating elements, and supplies the same to a temperature control and correction section. The temperature control and correction section reads out from a memory the resistance values for controlling required for the respective set temperatures for the respective heating elements, on the basis of this information. A heating setting section sets a resistance value for controlling for the set temperature level, from these resistance values for controlling. The resistance value detecting section calculates the resistance value for the heating elements from the measurement results of an applied power detecting section. An output power control section controls the output of electrical power to the heating elements in such a manner that the resistance value thus calculated is maintained to be equal to the resistance value which is set by the heating setting section.